

Notice of Allowability

Application No.

10/749,804

Examiner

Carlos Lugo

Applicant(s)

EGI ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed on May 5, 2005.
2. ☒ The allowed claim(s) is/are 1-12.
3. ☒ The drawings filed on 05 May 2005 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This Office Action is in response to applicant's amendment filed on May 5, 2005.

Reasons For Allowance

2. The following is an examiner's statement of reasons for allowance:

Claim 1 is allowable over the prior art of record because the teachings of the references taken as a whole do not teach or render obvious the combination set forth, including that the door lock device comprises first, second and third turning or pivotable members (Claim 1 Lines 19,25 and 34).

The Prior Art presented on Figures 15A-16B presents a door lock device comprising a latch (2), a hook (6), a hook control member (7), an actuator (30 and 36), and members that moves with respect to the actuator in order to lock or retract the hook control member in order to release or restrain the hook with respect to the latch. However, the Prior Art presented in Figures 15A-16B fails to disclose that the lock comprises first, second and third pivoting members that moves with respect to the actuator in order to lock or retract the hook control member in order to release or restrain the hook with respect to the latch. The Prior Art presented in Figures 15A-16B discloses that the lock only uses first and a second member (15 and 21 respectively).

Hogan (US 3,774,422) discloses a door lock device comprising a latch (222), a hook (228), a hook control member (238 and 240), an actuator (254 and 256), and first, second and third members (252,266,268 and 260 respectively) that moves with

respect to the actuator in order to lock or retract the hook control member in order to release or restrain the hook with respect to the latch.

Hogan fails to disclose that the actuator has a rod capable of being advanced for locking operation and retracted for an unlocking operation. Hogan discloses that the actuator has a rod (256). Hogan discloses that the rod is capable of being advanced for unlocking operation and retracted for locking operation (Col. 3 Lines 25-45) not that is capable of being advanced for locking operation and retracted for an unlocking operation. When the rod 256 is extended, the actuator releases the first member 252 from locking the hook control member 238 and 240 and when the rod 256 is retracted the first member acts on the hook control member so as to lock it.

Although it would be obvious to have a reversal of parts in order to have the rod capable of being advanced for locking operation and retracted for an unlocking operation, Hogan also fails to disclose that the second member (266) turns or rotates. Hogan discloses that upon energization of the actuator (254), the third member (260) is pivoted and its motion is transmitted to the second member (at part 268 of the second member 260) to pull it (Col. 3 Lines 45-50) so as to slide (Figure 3 and Figure 6).

Helmar (US 5,484,180) discloses a door lock device comprising a latch (30); a hook (23); a hook control member (25); an actuator (44) that has a rod (35) capable of being advanced for locking operation (Figure 7) and retracted for an unlocking operation (Figure 5); and first, second and third members (25,38 and 39 respectively) that moves with respect to the actuator in order to lock or retract the

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hook control member in order to release or restrain the hook with respect to the latch.

However, Helmar fails to disclose that the first and third members turns or rotates. Helmar discloses that the first and third members (25 and 39) slides with respect to the actuating of motor 44.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lugo whose telephone number 571-272-7058. The examiner can normally be reached on 9-6pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on 571-272-6843. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-5771.

C.L.
Carlos Lugo
AU 3676
June 16, 2005


BRIAN E. GLESSNER
PRIMARY EXAMINER